ATEN Technology, Inc.
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16-port 1 user IP USB/PS2 KVM Switch CS1716i

The CS1716i KVM switch is an IP based KVM that allows either a local or remote operator to monitor and control 16 directly attached servers, or through daisy chaining as many as 256 computers.

The IP console is accessed via a browser and control of the servers is accomplished via either a Java or Windows, based client. This arrangement allows you to connect to the unit from anywhere on your LAN, WAN or Internet [with a high speed connection] permitting you to work on your servers to the same degree as being in the server room, up to and including BIOS adjustments.

The KVM features a panel array mode where you can selectively monitor up to 16 servers simultaneously in a grid array, simply clicking on one of the images instantly brings that server to focus. Because up to 32 *Â users may be logged on concurrently and the unit is single bus, a message board similar to chat is provided so users may collaborate with troubleshooting.

Security features include two level user name and password protection. Users can be assigned port-by-port access rights. 128 bit SSL encryption for the browser, and RC4 128 bit encryption for secure keyboard, mouse, and video data transmission. The CS1716i also supports authentication and authorization via remote servers, such as RADIUS, LDAP, LDAPS, and MS Active Directory.

*This is a single bus device, the first user logged on has control.Â

Distributor Part NO. : Contact Aten for part number @ 949.428.1111

Features:

Hardware

- 16-port remote access KVM switch - monitor and control up to 16 computers from a single KVM console
- Daisy chain up to 15 additional units - control up toÂ 256 computers
- Auto-sensing of station's position on daisy chained installations; no need for manual dip switch setting; front panel LED indicates station's position
- Multiplatform support - Windows, Linux, Mac, and Sun
- Dual Interface - supports PS/2 or USB keyboard and mouse computers
- Video DynaSync™ - stores the console monitor's EDID (Extended Display Identification Data) to optimize display resolution
- Superior video quality - up to 2048 x 1536; DDC2B for the local console; up to 1600 x 1200 @ 60Hz / 24 bit color depth for remote sessions
- BIOS-level access
- Mouse DynaSync
- Rack mountable in a 19" system rack

Management

- Panel array mode enables user to monitor multiple servers from single screen at the same time - each selected server's video output appears in a separate panel - users can easily select the number of panels to view
- Event Logging
- Up to 32 concurrent logins

- Broadcast mode; operations simultaneously performed on all selected computers(software installation, system-wide shutdown, etc.)
- Port names automatically reconfigured when station sequence is changed
- Message board allows logged in users to communicate with each other, and allows a user to take exclusive control of the KVM functions
- On-screen keyboard with multilanguage support

Security

- Secure keyboard/mouse/video transmission via RC4 128bit encryption
- 128bit SSL browser access
- Two level password secuirty - up to 64 user accounts with separate profiles for each
- External(remote) authentication support: RADIUS, LDAP, LDAPS, MS Active Directory
- Support for IP/Mac Filter
- Local and remote access logged and authenticated

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Requirements:

General minimums

- Internet connection of at least 128Kbps
- Browsers must support 128 bit encryption
- Windows must have DirectX 8.0 or better installed
- Java client must have Sun Runtime Environment [JRE] 6, update3 or better installed
- The Log Server requires MS Jet OLEDB 4.0 or better installed

Console minimums

- A monitor capable of supporting the resolutions you are using
- Keyboard, mouse, [PS/2 or USB]

Computer minimums

- 1Ghz Pentium III
- Video Graphics cars with HDB-15 port
- Type A USB port or 2 PS/2 ports
- Aten CV1302Â Sun Console converter to support Sun Legacy ServersÂ

Package Content:

1x CS1716i KVM Switch
2x 6ft. Customer KVM cables(1x PS/2; 1x USB)
1x Console cable
1x Frimware Upgrade Cable
1x Grounding Wire
1x Rack Mount Kit(2pcs)
1x Foot pad Set (4pcs)
1x Power Adapter
1x User Manual
1x Qiuck Start Guide
1x Software CD

Specification :

Computer Connections	
Direct	16
Daisy Chain or Cascading	256 (via Daisy Chain)
Port Selection	OSD; Hotkey; Pushbutton
Console Connectors	
Keyboard, Mouse, and Monitor	1 x SPHD-18 Male
CPU Connectors	
Keyboard, Mouse, and Monitor	16 x SPHD-17 Female
Daisy Chain	1 x DB-25 Male
Connectors	
Power	1 x DC Jack
LAN	1 x RJ45 Female
USB	1 x USB Type A
Switches	
Reset	1 x Semi-recessed pushbutton
Port Selection	16 x Pushbutton
F/W Upgrade	1 x Slide
LEDs	
On Line	16(Orange)
Selected	16(Green)
Station ID	2x7 segment(Orange)
Power On	1(Dark Green)
10/100 Mbps	1(Orange/Green-at LAN port)
Emulation	
Keyboard	USB, PS2
Mouse	USB, PS2
Video Performance	
Local	2048x1536; DDC2B
Remote	1600x1200@60Hz/24bit color depth
Scan Interval	1-255 sec.
Power Consumption	DC 5.3V; 9.5W; 35BTU/h
Power Supply	OAD8-0606-24EG
Environment	
Humidity	0~80% RH, Non-condensing
Operation Temperature	32~122 F (0~50 C)
Storage Temperature	-4~ 140 F (-20~60 C)

Physical Properties	
Unit Weight	6.2 Lb.
Case Qty	3
Case Weight	30.3 lbs.
Case Dimension	22.2x 14.8x 10.2 in.
Unit Package Dimensions	21.3x 4.6x 9.2 in.
Unit Weight with package	8.0 lbs.

Unit Dimension	17.0x 6.3x 1.7 in.